



ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700

December 13, 1974

Mr. James P. O'Reilly, Director
Directorate of Regulatory Operations
Region I
U. S. Atomic Energy Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406



Subject: Abnormal Occurrence 74-19, Malfunction of Undervoltage
Relay during surveillance test
R. E. Ginna Nuclear Power Plant, Unit No. 1
Docket No. 50-244

Dear Mr. O'Reilly:

In accordance with Technical Specifications, Article 6.6.2a, the
attached report of Abnormal Occurrence 74-19 is hereby submitted.

Very truly yours,

L. D. White, Jr.

Attachment

50-244
incident

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9. Corrective Action:

All four undervoltage relays were removed, one at a time, and the scale accumulation was removed and the plunger polished. Subsequent bench testing indicated freedom of movement of the plunger through the guide bearing without noticeable drag. Upon returning the devices to service, the applicable section of PT-9 procedure was performed to verify operability.

The Plant Operations Review Committee convened on December 4, 1974 and made the following recommendations:

- a. Maintenance surveillance to clean and calibrate these devices should be increased to at least every six months. The present schedule for cleaning and calibrating these devices is at least every refueling shutdown.
- b. Since relays 273 and 274 for each 4160 volt bus (11A and 11B) are mounted in a common case, a spare relay assembly of this type should be available to place in service while maintenance is being performed on a particular pair of relays. This will prevent having to leave one train of the Reactor Trip Undervoltage Logic in the tripped mode during maintenance.
- c. The RG&E Electric System Protection Engineer should review the possibility of changing the type of relay used for this application.

10. Failure Data:

- a. As noted in 7. above, there has been one other failure with this type of relay which occurred on May 29, 1973. This was reported as Abnormal Occurrence 73-1 on June 8, 1973.

b. Equipment Identification:

Manufacturer:	-	Westinghouse
Type:		SV
Style:		1876099
Range:		70-150 volts, 60 Hz